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SEPTEMBER 01, 2010

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UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 09/01/2010

REEL/FRAME: 024915/0502

NUMBER OF PAGES: 7

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 310568-2000 PATENTGENERAL

ASSIGNOR:  
GREENPLUM, INC.

DOC DATE: 07/29/2010

ASSIGNEE:  
EMC CORPORATION  
176 SOUTH STREET  
HOPKINTON, MASSACHUSETTS 01748

SERIAL NUMBER: 12347728 FILING DATE: 12/31/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR PARALLEL PROCESSING OF A QUERY

SERIAL NUMBER: 12499697 FILING DATE: 07/08/2009  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR READ OPTIMIZED BULK DATA STORAGE

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SERIAL NUMBER: 12417550 FILING DATE: 04/02/2009  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR INTEGRATING MAP-REDUCE INTO A DISTRIBUTED RELATIONAL DATABASE

SERIAL NUMBER: 12555629 FILING DATE: 09/08/2009  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR HEAP SORTING WITH COLLAPSED VALUES AND SELECTIVE VALUE EXPANSION

SERIAL NUMBER: 12646716 FILING DATE: 12/23/2009  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR ANALYZING QUERY OPTIMIZER PERFORMANCE

SERIAL NUMBER: 12751208 FILING DATE: 03/31/2010  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR QUERY PRIORITIZATION IN A SHARED NOTHING DISTRIBUTED DATABASE

SERIAL NUMBER: 12788256 FILING DATE: 05/26/2010  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND METHOD FOR EXPANDING A SHARED-NOTHING SYSTEM

SERIAL NUMBER: 10078447 FILING DATE: 02/21/2002  
PATENT NUMBER: 7162467 ISSUE DATE: 01/09/2007  
TITLE: SYSTEMS AND METHODS FOR MANAGING DISTRIBUTED DATABASE RESOURCES

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PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	08/30/2010

## CONVEYING PARTY DATA

Name	Execution Date
GREENPLUM, INC.	07/29/2010

## RECEIVING PARTY DATA

Name:	EMC CORPORATION
Street Address:	176 South Street
City:	Hopkinton
State/Country:	MASSACHUSETTS
Postal Code:	01748

PROPERTY NUMBERS Total: 8

Property Type	Number
Patent Number:	7162487
Application Number:	12347728
Application Number:	12499897
Application Number:	12417550
Application Number:	12556829
Application Number:	12646716
Application Number:	12751208
Application Number:	12788258

CH1 \$5320.00 7162487

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ATTORNEY DOCKET NUMBER:	310588-2000 PATENTGENERAL
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Total Attachments: 5

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